

CV

Dr Hirman Ismail MD PhD (UKM), MPH (Nottingham)
Public Health Medicine Specialist



PERSONAL INFORMATION

Name : Hirman bin Ismail
Current designation : Public Health Medicine Specialist
Deputy Director (Medical Profession)
Medical Development Division
Ministry of Health Malaysia
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Ministry of Health Malaysia
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Email : drhirman@outlook.com
Twitter : www.twitter.com/DrHirman
Language : Bahasa Melayu
English
Date of birth : 13 September 1980
Spouse : Dr Sri Rahayu Mohamed Lokman
Anaesthesiologist

I am medical doctor and a public health medicine specialist. I hold a PhD degree in public health (health economics and health policy) from the Faculty of Medicine, National University of Malaysia (Universiti Kebangsaan Malaysia). My work has been very much focused on health policy development, policy implementation and health education. In transplantation for example, I led the Ministry of Health's effort to develop a national policy on organ, tissue and cell transplantation and to spearhead other policy initiatives such as development of ethical guidelines, operational policy, incentives for living donors and drafting a new law on transplantation. As the Head of Hospital Management Unit in the MOH's Medical Development Division, I used to hold a portfolio covering a wide of areas related to hospital services such as general hospital policy, development of clinical services, improving clinical flow of patients, information technology, clinical and financial performance of hospitals and medical records. I'm currently the Deputy Director of Medical Development Division in the Ministry of Health, overseeing clinical services and medical profession development.

EARLY EDUCATION

Primary education

1987 – 1992 Methodist Boys' School, Kuala Lumpur (MBSKL)
Appointed as the School Captain and Head of Prefect

Secondary education

1993 – 1995 Victoria Institution, Kuala Lumpur (VI)
Appointed as Prefect for the Resource Centre

1996 – 1997 MARA Junior Science College, Jasin (MRSM Jasin)
Elected as a Member of Student Representative Council

Pre- university

1998 MARA College Seremban
Matriculation Course (Universiti Kebangsaan Malaysia)

ACADEMIC QUALIFICATIONS

2004 **Doctor of Medicine**, MD (UKM)
Universiti Kebangsaan Malaysia / National University of Malaysia
Campus: Hospital Canselor Tuanku Muhriz, Kuala Lumpur

2009 **Master of Public Health**, MPH (Nottingham)
University of Nottingham UK
Campus: Queen's Medical Centre, Nottingham, UK

2019 **Doctor of Philosophy** (Public Health), PhD (UKM)
Universiti Kebangsaan Malaysia / National University of Malaysia
Campus: Hospital Canselor Tuanku Muhriz, Kuala Lumpur
Thesis entitled "Projection of Economic Burden of End-stage Renal Disease to the Public Sector in Malaysia"
Domain: Public health, health economics, health policy
[Viva passed with **distinction** 18 September 2019]

2021 **Professional Certificate in Organ Donation and Transplant Medicine**
University of Barcelona & Universiti Teknologi MARA

PROFESSIONAL CERTIFICATION

Registered with Malaysian Medical Council (reg. no.: 41909)
Registered with National Specialist Register (reg. no.: 138626)

EMPLOYMENT HISTORY

2004	House Officer Hospital Kuala Lumpur Ministry of Health Malaysia
2005	Medical Officer Hospital Selayang Ministry of Health Malaysia
2006 – Sept 2008	Assistant Director Surgical & Emergency Services Unit, Medical Development Division, Ministry of Health Malaysia
Sept 2008 – Sept 2009	<i>(study leave – Master of Public Health)</i> Queen's Medical Centre, University of Nottingham UK
Oct 2009 – Mar 2013	Head of Transplantation Unit Medical Development Division Ministry of Health Malaysia
Mar 2013 – Dec 2014	Special Officer to the Director General of Health Malaysia Office of the Director General of Health Ministry of Health Malaysia
	Head of Transplantation Unit Medical Development Division Ministry of Health Malaysia <i>*held 2 portfolios for 21 months</i>
Dec 2014 – Aug 2016	Head of Transplantation Unit Medical Development Division Ministry of Health Malaysia
Sept 2016 – Aug 2019	<i>(study leave – PhD in Public Health)</i> Hospital Canselor Tuanku Muhriz, Universiti Kebangsaan Malaysia
Sept 2019 – Dec 2019	Senior Principal Assistant Director Hospital Services Management Unit, Medical Development Division Ministry of Health Malaysia
Jan 2020 – Aug 2021	Head of Hospital Services Management Unit Medical Development Division Ministry of Health Malaysia
	Head of Facility Sub-group Crisis Preparedness and Response Centre (Hospital Services) Ministry of Health Malaysia

Aug 2021 – now

Deputy Director (Medical Profession)

Medical Development Division

Ministry of Health Malaysia

AWARDS

- 2021 **Service Excellence Award**
Also known as Pingat Perkhidmatan Cemerlang
Awarded by the Ministry of Health Malaysia
- 2020 **Medal for Excellent Service**
Also known as Pingat Perkhidmatan Cemerlang
Awarded by the Ministry of Health and the Department of Public Service
- 2020 **WITSA Global Excellence ICT Awards**
*Runner up for COVID-19 Tech Solution for Countries and Regions, 19 Nov 2020
for the development of Crisis Preparedness and Response Centre
(CPRC) System for hospital capacity monitoring*
Awarded by World Information Technology and Services Alliance (WITSA)
- 2019 **Excellent Thesis Award**
*for PhD thesis entitled "Projection of Economic Burden of End-stage Renal
Disease to the Public Sector in Malaysia"*
Awarded by the Dean of Faculty of Medicine, Universiti Kebangsaan Malaysia
- 2019 **Best Poster Presentation Award**
*for poster presentation at the 13th Scientific Meeting 2019, in conjunction
with NIH Scientific Seminar, 27 – 29 August 2019, Shah Alam Selangor,
entitled "Dynamic Cohort in Markov Model for the Projection of
Economic Burden of End-stage Renal Disease (ESRD) to the Public
Sector in Malaysia"*
Awarded by the Ministry of Health and Academy of Medicine Malaysia
- 2019 **Poster Presentation Award**
*for poster presentation at 35th Annual Congress of Malaysian Society of
Nephrology 2019, 11 - 14 July 2019, Kuala Lumpur, entitled "Projection
of Economic Burden of End-stage Renal Disease (ESRD) to the Public
Sector in Malaysia"*
Awarded by the Malaysian Society of Nephrology
- 2014 **Service Excellence Award**
Also known as Pingat Perkhidmatan Cemerlang
Awarded by the Ministry of Health Malaysia
- 2012 **Service Excellence Award**
Also known as Pingat Perkhidmatan Cemerlang
Awarded by the Ministry of Health Malaysia
- 2007 **Service Excellence Award**
Also known as Pingat Perkhidmatan Cemerlang
Awarded by the Ministry of Health Malaysia

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS

Malaysian Society of Transplantation
 Malaysian Association of Cell and Tissue Banking
 Malaysian Medical Tweet Association

PROFESSIONAL POST / APPOINTMENTS

Current

2021 – 2023 **Council Member** of Medical Tweet Association Malaysia
 Appointed through election

2020 Co-chair of www.mybuahpinggang.com initiatives
 Appointed by Malaysian Medical Tweet Association

2020 – 2023 Co-supervisor of Doctorate Candidate (Dr Loo Huai Na)
 Appointed by the Faculty of Medicine,
 Universiti Kebangsaan Malaysia

Previous

International

2022 Expert panel, White Paper on Responsible Data Sharing in Health and
 Healthcare, Saw Swee Hock School of Public Health,
 National University of Singapore

2018 – 2021 Organizing Committee **Secretary** (International Conference)
*for the 17th Congress of the Asian Society of Transplantation
 (CAST2021), in conjunction with the 24th Annual Scientific
 Meeting of Malaysian Society of Transplantation and 37th
 Annual Congress of Malaysian Society of Nephrology, 25 – 28
 July 2021*
 Appointed by the Malaysian Society of Transplantation

2014 Malaysian Delegates/ Temporary Advisor/ Rapporteur
*to the World Health Organization for International Technical
 Consultation on Cell, Tissue and Organ Donation/
 Transplantation in the Western Pacific Region*
 Seoul Korea, 20-21 February 2014

2015 Malaysian Delegates
International Transplant Network Meeting
 Istanbul Turkey, 3 – 5 Dec 2015

2015 Malaysian Delegates
Executive Board of the World Health Organization Meeting

Geneva Switzerland, 26 -28 May 2015

- 2015 Malaysian Delegate
68th World Health Assembly 2015
 Geneva Switzerland, 18 – 22 May 2015
- 2015 Malaysian Delegate
Programme, Budget and Administrative Committee of the World Health Organization Executive Board Meeting
 Geneva Switzerland, 14 – 15 May 2015

National

- 2020 – 2022 **Council Member** of the Malaysian Society of Transplantation
 Co-opted by elected member of Malaysian Society of Transplantation
- 2019 - 2021 **Member** of Unrelated Transplant Approval Committee (UTAC)
 Appointed by the Director General of Health,
 Ministry of Health Malaysia
- 2019 – 2021 **Member** of Drafting Committee
for a New Law on Human Organ and Tissue Transplantation
 Appointed by the Director General of Health,
 Ministry of Health Malaysia
- 2018 – 2020 **Member** of Steering Committee of the National Transplant Registry
 Appointed by the Malaysian Society of Transplantation
- 2019 – 2021 **Council Member** of Medical Tweet Association Malaysia
 Appointed through election
- 2018 – 2020 Honorary Secretary to the Malaysian Society of Transplantation
 Appointed through election
- 2016 – 2018 Honorary Secretary to the Malaysian Society of Transplantation
 Appointed through election
- 2014 – 2016 Honorary Secretary to the Malaysian Society of Transplantation
 Appointed through election
- 2012 – 2014 Assistant Secretary to the Malaysian Society of Transplantation
 Appointed through election
- 2010 – 2014 Assistant Secretary to the Malaysian Association for Cell and Tissue Banking
 Appointed through election

Others

- 2010 – 2018 Member of Drafting Committee
 for Drafting Committee for a New Law on Human Organ and Tissue Transplantation and Amendments of Human Tissue Act 1974
 Appointed by the Director General of Health,
 Ministry of Health Malaysia
- 2010 Member of Working Committee
 for "Prime Minister's Department Star Rating System"
 for the Office of the Director General of Health
 Appointed by the Director General of Health,
 Ministry of Health Malaysia
- Organising committee*
- 2019 Member of Organising Committee
 22nd Scientific Meeting of Malaysian Society of Transplantation
 Bangsar Kuala Lumpur
 Appointed by the Malaysian Society of Transplantation
- 2018 Member of Organising Committee
 21st Scientific Meeting of Malaysian Society of Transplantation
 Kuala Lumpur
 Appointed by the Malaysian Society of Transplantation
- 2017 Member of Organising Committee
 20th Scientific Meeting of Malaysian Society of Transplantation
 Melaka
 Appointed by the Malaysian Society of Transplantation
- 2016 Member of Organising Committee
 19th Scientific Meeting of Malaysian Society of Transplantation
 Penang
 Appointed by the Malaysian Society of Transplantation
- 2015 Member of Organising Committee
 18th Scientific Meeting of Malaysian Society of Transplantation
 Bangsar Kuala Lumpur
 Appointed by the Malaysian Society of Transplantation
- 2014 Member of Organising Committee
 17th Scientific Meeting of Malaysian Society of Transplantation
 Bangsar Kuala Lumpur
 Appointed by the Malaysian Society of Transplantation
- 2013 Member of Organising Committee
 16th Scientific Meeting of Malaysian Society of Transplantation
 Kuantan Pahang
 Appointed by the Malaysian Society of Transplantation

- 2012 Member of Organising Committee
 15th Scientific Meeting of Malaysian Society of Transplantation
 Kuching, Sarawak
 Appointed by the Malaysian Society of Transplantation
- 2012 Co Chairman of Organising Committee
 National World Kidney Day Celebration 2012 "Kidney for Life"
 Kuala Lumpur
 Appointed by Malaysian Society of Nephrology and
 Malaysian Society of Transplantation

PUBLICATIONS

Ismail, H., Abdul Manaf, M. R., Abdul Gafor, A. H., Mohamad Zaher, Z. M. & Nur Ibrahim, A. I. 2019. Economic Burden of End-Stage Renal Disease to the Malaysian Healthcare System. *Kidney International Reports*. doi:10.1016/J.EKIR.2019.05.016, URL: <https://www.sciencedirect.com/science/article/pii/S2468024919302116>

Ismail, H., Abdul Manaf, M. R., Abdul Gafor, A. H., Mohamad Zaher, Z. M. & Nur Ibrahim, A. I. 2019. International Comparisons of Economic Burden of End-Stage Renal Disease to The National Healthcare Systems. *International Medical Journal Malaysia*. [Accepted August 2019]

Zaki M, **Hirman I**. The New Legislation on Transplantation in Malaysia: How it Emerged and Problems Encountered During the Process. In: Schreiber, Jenny, Eich, Thomas and Clarke, Morgan (eds.). *Conference Proceedings of the International Conference: Health Related Issues and Islamic Normativity*. Halle: Universitäts-und Landesbibliothek Sachsen-Anhalt, 2013. Online Publication, retrieved from: <http://nbn-resolving.de/urn:nbn:de:gbv:3:5-81356>

Muhammad A, bin Abd-Wahab, **Hirman I**. The Current Clinical Practice of Organ Transplantation in Malaysia. In: Schreiber, Jenny, Eich, Thomas and Clarke, Morgan (eds.). *Conference Proceedings of the International Conference: Health Related Issues and Islamic Normativity*. Halle: Universitäts-und Landesbibliothek Sachsen-Anhalt, 2013. Online Publication, retrieved from: <http://nbn-resolving.de/urn:nbn:de:gbv:3:5-81356>

Ismail, H., Abdul Manaf, M. R., Abdul Gafor, A. H., Mohamad Zaher, Z. M. & Ibrahim, A. I. N. 2019. Projection Of Economic Burden Of End-Stage Renal Disease (ESRD) To The Public Sector In Malaysia. *Proceedings of the The 4th Congress of Asian Pacific Society of Dialysis Access (APSDA) 2019 in conjunction with The 35th Annual Congress of Malaysian Society of Nephrology (MSN) 2019, Kuala Lumpur, Malaysia, 11th - 14th July 2019*, hlm. S11. Kuala Lumpur: Malaysian Society of Transplantation. Retrieved from <https://www.jctn.msn.org.my/index.php/ejournal/article/view/22>

I Hirman, MP Putera, JM Suhairi, MAM Norazam, ME Ferdhany, Roslina AM. Factors Related to Death from Tuberculosis in National TB Centre Kuala Lumpur Malaysia. In : *Proceeding Research Week Faculty of Medicine National University of Malaysia*. Medical Research Centre Faculty of Medicine National University of Malaysia, July 2003.

M. A. Bin Abd-Wahab, F. Z. L. Y. Mansor, J. Kario, S. Krishnan, A. Alias, O. Sulaiman, **H. Ismail**, 2010. Improving Organ or Tissue Donation and Procurement Patterns in Malaysia. In: TTS (the Transplantation Society), *XXIII International Congress of the Transplantation Society*. Vancouver, Canada 15 – 19 August 2010. Canada., available at: http://journals.lww.com/transplantjournal/Citation/2010/07272/Improving_Organ_Donation_and_Procurement_Patterns.1030.aspx [accessed 6 March 2012]

Premila Devi J, Noraini W, Norhayati R, Chee Kheong C, Badrul AS, Zainah S, Fadzilah K, **Hirman I**, Lokman Hakim S, Noor Hisham A. *Laboratory-confirmed case of Middle Eastern Respiratory Syndrome Coronavirus (MERS-CoV) Infection in Malaysia; Preparedness and Response*, April 2014. *Euro Surveill*. 2014;19(18):pii:20797. Available online: <http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=20797>

Abdullah Thani NSI, Khairudin R, Ho JJ, Muhamad NA, **Ismail H**. Vitamin D supplementation for overweight or obese adults. *Cochrane Database of Systematic Reviews* 2015, Issue 4. Art. No.: CD011629. DOI: 10.1002/14651858.CD011629.

[list of other publications / other forms of production is in the appendix]

TALKS AND PRESENTATION

I have experience in giving talks including professional / academic presentations at conferences / seminar locally and internationally. I have experience in giving public talks including appearing on national television and radio.

- 5 Sept 2012 BFM 89.9: New Laws on Transplantation
Public engagement on the proposed new law on organ and tissue transplantation by the Ministry of Health Malaysia.
Appearance with Datin Dr Lela Yasmin Mansor, Chief National Transplant Procurement Manager.
Presented in a talk show on national radio station BFM 89.9
Kuala Lumpur
[\[click here to access\]](#)
- 12 Sept 2013 Berita Astro Awani 7.45: Rang Undang-undang Transplan
Public engagement about the Ministry of Health's plan to amend the Human Tissues Act 1974 and replace with a more comprehensive law on organ and tissue transplantation
Presented in a news segment on national TV station Astro Awani
Kuala Lumpur
[\[click here to access\]](#)
- 10 Jan 2014 The New Law on Organ and Tissue Transplantation in Malaysia:
an Islamic Perspective
Presented at Workshop on The Social Politics of Islamic Bioethics
Organised by University of Hamburg
Hamburg, Germany
- 20 Feb 2014 Updates on Transplantation Activities in Malaysia
Presented at Workshop on Practical Application and Implementation
on Organ, Tissue and Cell Donation to Achieve
Self-sufficiency
Organised by World Health Organization
Seoul, South Korea
- 25 May 2014 Grandstand: Derma Organ TV1
Public education on importance of organ donation and overview on organ and tissue transplantation practices in Malaysia
Presented in a news segment on national TV station TV1
Kuala Lumpur
[\[click here to access\]](#)

- 16 June 2014 BFM 89.9: Xenotransplantation
Public education about what is xenotransplantation and its application in Malaysia and internationally. The importance of organ donation was re-emphasised here in Malaysia. Appearance with Datuk Dr Harjit Singh, Consultant Hepato-pancreato-biliary Surgeon.
 Presented in a talk show on national radio station BFM 89.9
 Kuala Lumpur
[\[click here to access\]](#)
- Dec 2015 Legislative Framework on Transplant Practice in Malaysia and
 Organisational Structure of Transplant Programme Malaysia
 Presented at the International Transplant Network
 Organised by Turkish Transplant Foundation
 Istanbul, Turkey
- 1 May 2016 Incentives in kidney donation: a global perspective
 Presented at 32th Annual Congress of Malaysian Society of
 Nephrology 2016
 Organised by Malaysian Society of Nephrology
 Johor Bahru
- 27 May 2016 Curbing transplant tourism and organ trafficking
 Presented at 19th Scientific Meeting of the Malaysian Society of
 Transplantation
 Organised by Malaysian Society of Transplantation
 Kuala Lumpur
- 26 July 2016 Lung Transplantation - opting out vs. opting in
 Presented at Malaysian Thoracic Society Annual Congress 2016
 Organised by Malaysian Thoracic Society
 Penang
- 20 August 2016 Legislative and Ethical Framework for Organ Donation and
 Transplantation in Malaysia
 Presented at 18th Islamic Medical Association Malaysia (IMAM)
 Annual Scientific Conference
 Organised by IMAM
 Seremban, Negeri Sembilan

[list of other talks/ presentation/ conferences is in the appendix]

REFEREE

Dato' Dr Zaki Morad Mohamad Zaher

Senior Consultant Nephrologist. Ampang Putri Specialist Hospital
Former Head of Nephrology Service in the Ministry of Health Malaysia and former Member of
Malaysian Medical Council
Recipient of the International Society of Nephrology Pioneer Award 2015 at the World
Congress of Nephrology 2015 at Cape Town South Africa.
Email : zakimorad@gmail.com
Tel. (mobile) : (6019) 3555380

Tan Sri Dato' Seri Dr Noor Hisham Abdullah

Director General of Health Malaysia, Ministry of Health Malaysia
Consultant Breast and Endocrine Surgeon (Hospital Putrajaya)
Email : anhisham@moh.gov.my
Tel. (mobile) : (6012) 6849738

Appendix I

LIST OF OTHER PUBLICATIONS

Books, reports, monographs and chapters

Medical Development Division, 2014. *Matched Unrelated Donor in Haematopoietic Stem Cell Transplantation: Policy and Procedures*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2011. *Unrelated Living Organ Donation: Policy and Procedures*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2011. *Organ Transplantation from the Islamic Perspective*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2008. *Anaesthesia and Intensive Care Operational Policy*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2009. *National Guidelines for Haemopoietic Stem Cell Therapy*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2009. *National Standards for Stem Cell Transplantation – Collection, Processing, Storage and Infusion of Haemopoietic Stem Cell and Therapeutic Cell*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2009. *Guidelines for Stem Cell Research and Therapy*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2009. *National Standards for Cord Blood Banking and Transplantation*. Putrajaya: Ministry of Health Malaysia.

Medical Development Division, 2007. *National Organ Tissue and Cell Transplantation Policy*. Putrajaya: Ministry of Health Malaysia.

Discussion papers, abstracts and other documents

H Ismail, Corinne CF, 2010. Is It Justifiable to Promote Living Organ Donation as an Alternative to Cadaveric Organ Donation? In: MST (Malaysian Society of Transplantation), *13th Scientific Meeting of the Malaysian Society of Transplantation: Back to Basic*. Subang Jaya, Malaysia 8-10 July 2010. Kuala Lumpur.

M. A. Bin Abd-Wahab, F. Z. L. Y. Mansor, J. Kario, S. Krishnan, A. Alias, O. Sulaiman, **H. Ismail**, 2010. Improving Organ or Tissue Donation and Procurement Patterns in Malaysia. In: TTS (the Transplantation Society), *XXIII International Congress of the Transplantation Society*. Vancouver, Canada 15 – 19 August 2010. Canada., available at: http://journals.lww.com/transplantjournal/Citation/2010/07272/Improving_Organ_Donation_and_Procurement_Patterns.1030.aspx [accessed 6 March 2012]

Ministry of Health Malaysia, 2012. *Policy on Unrelated Living Organ Donation*. [Circular Letter by the Director General of Health], 4 January 2012, available at: <http://www.moh.gov.my/attachments/6807> [accessed 6 February 2012]

Ministry of Health Malaysia, 2011. *Policy on the Supply of Immunosuppressive Agents to Transplant Patients*. [Circular Letter by the Director General of Health], 24 October 2011, available at: <http://www.moh.gov.my/attachments/6652> [accessed 6 February 2012]

Ministry of Health Malaysia, 2010. *Unrecorded Leave for Civil Servants Who Donated Their Organs*. [Circular Letter by the Director General of Health], 24 February 2010, available at: <http://www.moh.gov.my/attachments/4347> [accessed 6 February 2012]

Ministry of Health Malaysia, 2010. "*Polisi Penyampaian Perkhidmatan Rawatan Harian*" (*Day Care Services*). [Circular Letter by the Director General of Health], 15 November 2010, available at: <http://www.moh.gov.my/attachments/5573> [accessed 6 February 2012]

Ministry of Health Malaysia, 2008. *Cadaveric Organ and Tissue Procurement*. [Circular Letter by the Director General of Health], 29 March 2008, available at: <http://www.moh.gov.my/attachments/1184> [accessed 6 February 2012]

Ministry of Health Malaysia, 2008. "*Pelaksanaan Rangkaian Unit Rawatan Rapi*" (*Networking of Intensive Care Units*). [Circular Letter by the Director General of Health], 24 August 2008, available at: <http://www.moh.gov.my/attachments/2051> [accessed 6 February 2012]

Ministry of Health Malaysia, 2008. "*Pelaksanaan Tahap Kesakitan Sebagai Tanda Vital Kelima*" (*Pain As Fifth Vital Sign*). [Circular Letter by the Director General of Health], 31 December 2008, available at: <http://www.moh.gov.my/attachments/2052> [accessed 6 February 2012]

Ministry of Health Malaysia, 2011. "*Ucapan Timbalan Perdana Menteri Malaysia Sempena Pelancaran Hari Buah Pinggang Sedunia 2012*" (*Speech of the Deputy Prime Minister of Malaysia in Conjunction with the Launching of the World Kidney Day 2012*). [Speech by the

Deputy Prime Minister of Malaysia], 4 March 2012, available at <http://www.moh.gov.my/attachments/6959> [accessed 7 March 2012]

Ministry of Health Malaysia, 2011. "*Ucapan Menteri Kesihatan Malaysia Sempena Pelancaran Hari Buah Pinggang Sedunia 2012*" (*Speech of the Minister of Health in Conjunction with the Launching of the World Kidney Day 2012*). [Speech by the Minister of Health], 4 March 2012, available at: <http://www.moh.gov.my/attachments/6951> [accessed 6 March 2012]

Ministry of Health Malaysia, 2011. *Opening Ceremony Of The National Organ Donation Awareness Week 2011*. [Press release by the Minister of Health], 16 October 2011, available at: <http://www.moh.gov.my/attachments/1731> [accessed 6 February 2012]

Ministry of Health Malaysia, 2011. "*Bicara Hati*" *In Conjunction with The National Organ Donation Awareness Week 2011*. [Press release by the Deputy Minister of Health], 23 October 2011, available at: <http://www.moh.gov.my/attachments/1736> [accessed 6 February 2012]

Ministry of Health Malaysia, 2011. *Organ Trade*. [Press release by the Director General of Health], 26 September 2011, available at: <http://www.moh.gov.my/attachments/1705> [accessed 6 February 2012]

Ministry of Health Malaysia, 2010. *Living Organ Donation*. [Press release by the Director General of Health], 29 April 2010, available at: <http://www.moh.gov.my/attachments/1287> [accessed 6 February 2012]

Ismail, H., Retnasabapathy, S., Hamid, S.S.A., Mansor, F.Z.L.Y., Wahab, M.A.A., Sulaiman, O., Kario, J., 2011. *Suspected Brain Death* [Leaflet for Medical Practitioners] Putrajaya: Transplantation Unit Ministry of Health Malaysia.

Ismail, H., Retnasabapathy, S., Hamid, S.S.A., Mansor, F.Z.L.Y., Wahab, M.A.A., Sulaiman, O., Kario, J., 2011. *Tissue Donation* [Leaflet for Medical Practitioners] Putrajaya: Transplantation Unit Ministry of Health Malaysia.

Ismail, H., Yahya, R., Singh, H., Ahmad, G., Wong, H.S., Malek, R., Mansor, F.Z.L.Y., Tan, C.C., Kario, J., 2011. *Living Organ Donation: what you need to know* [Public education booklet] Putrajaya: Transplantation Unit Ministry of Health Malaysia.

Medical Development Division, 2011. *Islam and Organ Donation: Frequently Asked Questions* [Public education leaflet] Putrajaya: Transplantation Unit Ministry of Health Malaysia.

Did you know (about organ donation)?, 2011. [DVD/ public education video] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

Blood stem cell donation, 2011. [DVD/ public education video] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

Donate your baby's cord donation, 2011. [DVD/ public education video] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

I am organ donor, 2011. [DVD/ public education video – TV Commercial] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

"Anugerah Kehidupan" (A gift of life), 2011. [DVD/ public education video] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

"Pengorbanan Murni" (Noble Sacrifice), 2010. [DVD/ public education video – theme song for organ donation in Malaysia] Putrajaya: Transplantation Unit Ministry of Health Malaysia, available at: <http://www.youtube.com/hirmanismail> [accessed February 2012].

Appendix II

LIST OF OTHER TALKS/ PRESENTATIONS

NO	TITLE	DATE	PLACE	NOTES
1.	Ministry of Health – Policy and Guidelines on Transplantation	16 April 2010	3rd IJN-IPR Symposium on Thoracic Transplantation and Mechanical Circulatory Support, Pahang (Cherating)	Updates on policy and procedures pertaining to organ and tissue transplantation
2.	Immunosuppressant Policy for Transplant Recipient; Can We Afford It? Challenges in Healthcare Policy Development	16 Mac 2010	Journal Club, Ministry of Health Malaysia, Putrajaya	Sharing of experience in developing policy on the supply of immunosuppressive agents for transplant patients
3.	Is It Justifiable to Promote Living Organ Donation as An Alternative to Cadaveric Organ Donation?	9 July 2010	13th Scientific Meeting of Malaysian Society of Transplantation, Kuala Lumpur (Subang Jaya)	Free paper presentation Literature review on ethical arguments pertaining to risk and benefits of living organ donation.
4.	Unrelated Transplant Approval Committee (UTAC): Policy and procedures	4 April 2011	Unrelated Living Organ Donation: Donor Evaluation Course, Kuala Lumpur (National Transplant Resource Centre)	Policy and procedures in unrelated living organ transplantation
5.	National Policy on Organ Tissue and Cell Transplantation Policy	19 April 2011	Training of Trainers – Organ Donation Promotion, State of Selangor at District Health Office Klang	Exposure for healthcare personnel at hospital and primary care setting on policy pertaining to transplantation
6.	Basic of organ donation	14 June 2011	Course on Organ Donation Promotion at District Health Office Kuala Langat Selangor	Exposure for healthcare personnel working in primary care setting on basic principles of organ donation, brain death and policy.
7.	Transplantation Programme in Malaysia: updates on Ministry's Initiatives	13 July 2011	Management Meeting of Nephrologists, Ministry of Health Malaysia, Kuala Terengganu	Updates to nephrologists working in Ministry of Health's hospitals on strategy, policy, legislation and health promotion
8.	Unrelated Living Organ Donation	10 Feb 2012	Transplant CME series at National Transplant Resource Centre office	Policy and procedures on unrelated living organ donation, rationale of policy
9.	Radio talk: Kidney Transplant – Traxx FM	27 Feb 2012	Traxx FM Radio Station, Angkasapuri Kuala Lumpur	Kidney transplant in general The importance of organ donation
10.	Unrelated Living Kidney Transplant in Malaysia: where do we stand?	11 Mar 2012	World Kidney Day 2012 Public Forum, Prince Court Medical Centre KL	Attended by distinguished speakers including Sir Roy Calne, Emeritus Professor of Surgery, University of Cambridge

NO	TITLE	DATE	PLACE	NOTES
11.	Radio talk: Giving Organs to Strangers	20 Mar 2012	BFM 89.9 Radio Station, Bandar Utama Petaling Jaya	Implications of organ commercialisation Opting out system Living donation
12.	Unrelated Living Organ Donation: Policy and Procedures	19 May 2012	15th Scientific Meeting of the Malaysian Society of Transplantation, Kuching Sarawak	Ethics on transplant
13.	Law and Regulation of Transplant in Malaysia	15 June 2012	Post Graduate Course in Nephrology "Update in Renal Transplantation"	Law and regulation, pass and present Organised by the Post Graduate Renal Society
14.	TV Talk Show: Berita Astro Awani 7.45: Rang Undang-undang Transplan	12 Sept 2013	National TV news channel Astro Awani	Given overview on the proposed new law on transplantation and promoted the second online engagement for public feedback
15.	TV Talk Show: Selamat Pagi 1Malaysia: Derma Organ & Rang Undang-undang	24 Sept 2013	National TV station RTM 1	Awareness talk on organ donation on national TV station
16.	The New Law on Organ and Tissue Transplantation in Malaysia: an Islamic Perspective	10 Jan 2014	Workshop on the social politics of Islamic bioethics, Hamburg Germany	Organised by University of Hamburg, Asia-Africa-Institute Process of drafting a new law on transplantation and how Islamic perspectives relate to the law
17.	Updates on transplantation activities in Malaysia	20 Feb 2014	Workshop on Practical Application and Implementation on Organ, Tissue and Cell Donation to Achieve Country Self-Sufficiency, South Korea	Organised by the World Health Organization Presented on statistics and recent development of transplantation activities in Malaysia
18.	Updates on the new proposed law on transplantation	24 May 2014	17th Scientific Meeting of the Malaysia Society of Transplantation	Organised by the Malaysia Society of Transplantation Updates on progress of the drafting process
19.	TV Talk Show: Grandstand Derma Organ, RTM1	25 May 2014	TV Talk Show at RTM 1	1-hour awareness talk on organ donation at national TV station
20.	Radio talk: Organ donation and xenotransplantation BFM 89.9	16 June 2014	BFM 89.9 Radio Station, Bandar Utama Petaling Jaya	Given overview on organ donation and brief information on concept of xenotransplantation
21.	Overview on Transplantation	19 June 2014	Medico-legal Course on Nephrology	Organised by the Attorney General Chamber Given overview on basic principles of transplantation, ethics arguments and law
22.	Policy and Law on Kidney Transplantation	22 June 2014	30th Annual Congress of Malaysian Society of Nephrology 2014	Organised by the Malaysian Society of Nephrology Given an overview on legal and policy requirements related to kidney transplant services

NO	TITLE	DATE	PLACE	NOTES
23.	Challenging in Convincing: Are you a Donor? An emerging public health issue	16 Nov 2015	University Malaysia Sarawak's Public Health Conference	Organized by Universiti Malaysia Sarawak Given an overview about challenges in designing programme to promote organ donation
24.	Overview of national transplantation programme in Malaysia	3-5 Dec 2015	International Transplant Network Project, Istanbul	Organized by Turkish Transplant Foundation Given an overview about Malaysia's initiative to develop transplantation services in Malaysia including in strengthening the organizational structure, public education and legislation
25.	Hadiah kehidupan: satu ikrar sejuta harapan	16 Apr 2016	Konvensyen Kesihatan Neruro and Fiqh Perubatan Nasional 2016	Organised by Pertubuhan Ikatan Pengamal Perubatan dan Kesihatan Muslim (i-Medik) Given an overview about organ donation in general
26.	Incentives in kidney donation: a global perspective	1 May 2016	32th Annual Congress of Malaysian Society of Nephrology 2015	Organised by the Malaysian Society of Nephrology Given an overview about the different practices in other countries in giving financial and non-financial incentives to increase donor pool
27.	Curbing transplant tourism and organ trafficking	27 May 2016	19th Scientific Meeting of the Malaysian Society of Transplantation	Organised by the Malaysia Society of Transplantation Given an overview about Malaysia and international effort to fight against unethical practices of organ trading